



August 23, 2016

VIA EMAIL AND CERTIFIED MAIL

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RE: Sixty-day notice of violation of section 4(b)(3)(B) of the Endangered Species Act, relating to late 12-month findings on petitions to list 417 species as threatened or endangered species

Dear Secretary Jewell:

This letter serves as a 60-day notice from the Center for Biological Diversity, Noah Greenwald and other interested parties of intent to sue you pursuant to the Endangered Species Act (“ESA”) for failing to make required 12-month findings on petitions to list 417 species as threatened or endangered species under the Endangered Species Act. 16 U.S.C. § 1533(b)(3)(B). This letter is being provided to you pursuant to the 60-day notice requirement of the citizen suit provision of the ESA. *Id.* § 1540(g)(2)(C).

In response to a petition to list a species as threatened or endangered, the ESA requires the Secretary to within 90 days determine whether the petition presents substantial scientific or commercial information indicating that the petitioned action may be warranted (“90-day finding”), and within 12 months to determine whether listing is warranted, not warranted, or warranted but precluded (“12-month finding”). *Id.* § 1533(b)(3)(A)&(B).

The Center and other interested parties filed petitions seeking Endangered Species Act protections for the 417 species on various dates over the last eight years and the Service has subsequently issued 90-day findings determining listing may be warranted under the Endangered Species Act for all species included in this notice (see Appendix 1). The Service, however, has failed to issue timely 12-month findings for any of the species, which are now anywhere from 1-7 years late. Accordingly, you are in violation of the law and have abrogated your duty to ensure that protection of endangered species occurs in a timely manner thereby avoiding further decline and increased risk of extinction.

As discussed in more detail below, the Service's failure to make timely findings on petitions to list species is a persistent problem with real world consequences for species' survival. The Service routinely cites lack of funding and staffing to make listing determinations for imperiled species, but since 1998 has annually requested and been granted by Congress a cap on the amount of money that can be spent on listing of species.<sup>1</sup> We are keenly interested in finding a solution that ensures the survival of the 417 species included in this notice, as well as others awaiting consideration for protection, and entreat the Service to both develop a legally binding schedule for making 12-month findings for these species, and request sufficient funds from Congress to address the full backlog of species needing consideration for protection.

### **Listing Delays are a Persistent Problem with Serious Consequences**

Most currently listed species experienced long delays, in many cases lasting decades, on the path to protection, increasing risk of extinction, allowing further decline and ultimately reducing the chances of and increasing the costs of recovery. A recent peer reviewed study, for example, found that between 1973-2014 it took the Service on average more than 12 years to list species despite the fact that under the Act, the process is only supposed to take two years.<sup>2</sup> Delays in protection have real consequences with at least 42 species having gone extinct while waiting for protection.<sup>3</sup> As highlighted by the 417 species that are the subject of this notice, the problem of listing delays persists to the present.

The length of time it has taken to list individual species and the relatively few number of species listed annually has led to a persistent backlog in species in need of protection that nearly stretches back to passage of the Endangered Species Act.<sup>4</sup> Passed in 1973, the Act included a provision directing the Smithsonian Institute to within one year, provide a list of threatened or endangered plants. 16 U.S.C. § 1543. In 1975, the Smithsonian provided a list of more than 3,000 plants that required protection. In 1976, the Service proposed roughly 1,700 of these plants for protection, but had yet to finalize protection in 1978 when Congress

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<sup>1</sup> See, for example, DOI 2012. The Department of Interior Budget Justifications and Performance Information Fiscal Year 2012, U.S. Fish and Wildlife Service. Page RM-1.

<sup>2</sup> Puckett, E.E., D.C. Kesler, D.N. Greenwald. 2016. Taxa, petitioning agency, and lawsuits affect time spent awaiting listing under the US Endangered Species Act. *Biological Conservation* 201 (2016) 220–229.

<sup>3</sup> <http://www.biologicaldiversity.org/publications/papers/ExtinctAndESA.pdf>

<sup>4</sup> Greenwald, D.N., Suckling, K.F., Taylor, M., 2006. The listing record. In: Scott, J.M., Goble, D.D., Davis, F.W. (Eds.), *The Endangered Species Act at Thirty: Conserving Biodiversity in Human-dominated Landscapes*. Island Press, Washington DC, pp. 51–67.

passed an amendment to the Act requiring finalization of all proposals within two years.<sup>5</sup> The Service unfortunately failed to meet this deadline and the proposal was withdrawn. Instead, the Service added the more than 3,000 Smithsonian plants to the first candidate list in 1980, establishing a backlog from which the Service has yet to fully recover.<sup>6</sup>

In 1990 after years of growth in the backlog of species in need of protection, the Inspector General of the Department of Interior reviewed the listing program and concluded that "timely progress had not been made toward officially listing and protecting endangered and threatened plant and animal species," noting that the Service had failed to officially list "approximately 600 domestic candidate species deemed by the Service to merit immediate protection" or to take action to list "an additional 3,000 species that are suspected to be threatened or endangered."<sup>7</sup> The Inspector General further concluded that the Service's stated goal of listing 50 species per year was not "indicative of the 'expeditious progress' specified in the Act" because it would take as long as 48 years to protect just those species thought to merit protection at the time, and because "it could likely result in additional extinction of certain plants and animals."

Following the Inspector General report, the Service settled a series of lawsuits, agreeing to process listing of the candidate species over a roughly 5-7 year period.<sup>8</sup> These settlements resulted in a distinct uptick in the number of species listed and helped reduce the candidate backlog, but did not solve the problem.<sup>9</sup> Following completion of work required in settlement of these lawsuits, the Service still identified 260 species as candidates that warranted protection, but for which it lacked the resources to provide protection.<sup>10</sup> This itself represented a small fraction of species in need of consideration for protection because in 1996, the Service eliminated consideration of literally thousands of species that were thought to need protection, but for which information was lacking.<sup>11</sup>

Prior to 1996, the Service identified three categories of candidates. Category 1 species were those for which the Service had sufficient information that listing was warranted, and are those that following 1996, have continued to be considered candidates. Category 2 species were those for which listing was thought to potentially be warranted, but for which information was lacking and category 3 species were those for which listing was no longer considered necessary for a variety of reasons. At the time it was eliminated, the category 2 list included

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<sup>5</sup> USFWS, 1976. In: DoI (Ed.), Proposed Endangered Status for Some 1700 US Vascular Plant Taxa. Federal Register, Washington, DC, pp. 24524–24572.

<sup>6</sup> U.S. Fish and Wildlife Service. 1980. Review of species that are candidates or proposed for listing as endangered or threatened. Federal Register Vol. 45, December 15, 1980: 82479.

<sup>7</sup> DOI, 1990. In: Office of the Inspector General (Ed.), Audit Report - The Endangered Species Program, US Fish and Wildlife Service. US Department of the Interior, Washington DC.

<sup>8</sup> Conservation Council for Hawaii v Lujan, 1990. Civ. No. 89-953 (US District Court, Hawaii); California Native Plant Society v Lujan, 1991. 91-0038 (US District Court, Eastern District of California); Fund for Animals v Lujan, 1992. 962 F.2d 1391 (9th Circuit Court of Appeals).

<sup>9</sup> Ibid. Greenwald et al. 2006.

<sup>10</sup> U.S. Fish and Wildlife Service. 2002. Review of species that are candidates or proposed for listing as endangered or threatened. Federal Register Vol. 67, June 13, 2002: 40658.

<sup>11</sup> U.S. Fish and Wildlife Service. 1996. Review of species that are candidates or proposed for listing as endangered or threatened. Federal Register Vol. 61, February 16, 1996: 7596.

more than 1,700 plant species and 1,900 animal species.<sup>12</sup> Although in eliminating consideration of all category 2 candidates, the Service maintained that it remained "concerned about these species" and would work with "states and other private and public interests to assess their need for protection under the Act,"<sup>13</sup> most of these species have not received further consideration for protection and the Service appears to have no plan to address this need in the future. Many of the 417 species included in this notice are former category 2 candidates that were arbitrarily dropped from consideration.

Under the second Bush administration, problems with delayed protection and a backlog in species known to need protection only worsened. During the eight years of the administration, only a total of 62 species were listed under the Act, leaving a total of 251 candidate species and hundreds of former category 2 species to languish.<sup>14</sup> In 2005, the Center and allies sued the administration for failing to make expeditious progress in listing candidate species, eventually leading to a settlement agreement discussed in the next section.<sup>15</sup>

### **The 757 Species Agreement**

After years of litigation arguing the Service was not making expeditious progress listing species and failing to respond to petitions in a timely manner, the Center entered into a settlement agreement with the Service in 2011 that in combination with another agreement with Wildearth Guardians, required the Service to make initial findings on petitions for many species, including a majority of those included in this notice, and to make listing determinations for the 251 candidate species identified in the 2010 candidate notice of review.<sup>16</sup>

Although these agreements have allowed the Service to reduce the backlog of candidate species from 251 to 60 species in the most recent candidate notice of review, they did not cover 12-month findings for the 417 species included in this notice and thus findings for these species are now in most cases years overdue.<sup>17</sup> As noted previously, many hundreds of other species formerly considered candidates for protection also wait for consideration for protection.

In total under the Obama administration, the Service has listed 232 species or an average of roughly 31 species per year. This is a dramatic improvement over the previous

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<sup>12</sup> U.S. Fish and Wildlife Service. 1993. Review of species that are candidates or proposed for listing as endangered or threatened. Federal Register Vol. 58, September 30, 1993: 51,544; U.S. Fish and Wildlife Service. 1994. Review of species that are candidates or proposed for listing as endangered or threatened. Federal Register Vol. 59, November 15, 1994: 58,982.

<sup>13</sup> U.S. Fish and Wildlife Service. 1996. Review of species that are candidates or proposed for listing as endangered or threatened. Federal Register Vol. 61, February 28, 1996: 7597.

<sup>14</sup> Puckett et al. 2016.

<sup>15</sup> Biodiversity Conservation Alliance et al. v. Kempthorne et al. Civ No. 1:04-CV-02026 (GK).

<sup>16</sup> See Endangered Species Act Deadline Litigation, Misc. Action No. 10-377 (EGS), MDL Docket No. 2165.

<sup>17</sup> U.S. Fish and Wildlife Service. 2015. Review of species that are candidates or proposed for listing as endangered or threatened. Federal Register Vol. 80, December 24, 2015: 80583.

administration, but falls short of the 499 species, average of 62 per year, listed under the Clinton administration, or the 50 species per year found by the Inspector General to be insufficient progress in 1990. The Service thus can and must do more to make timely protection decisions for species than it has under the current settlement agreements.

### **The Role of Litigation in Addressing Listing Delays**

As the settlements from the early 1990s and 2011 demonstrate, lawsuits from conservation groups and other interested parties have played a key role in speeding protection for imperiled species. Indeed, a recent peer reviewed study found that lawsuits both targeted species that were stuck in the process and sped listing of those species.<sup>18</sup> A separate study in the prestigious journal *Science* found that species petitioned and litigated for listing faced a higher degree of biological threat than species solely identified by the Service, indicating that citizens also identified species truly in need of protection.<sup>19</sup> Accordingly, we file this notice in a constructive effort to ensure these 417 species receive timely consideration for protection needed for their very survival and to ensure that the Service's listing program continues to improve and move forward in its efforts to protect imperiled species in the U.S.

### **The 417 Noticed Species**

The 417 imperiled species included in this notice range across the country, but a majority (316) are southeastern aquatic and wetland species that we petitioned for on April 20, 2010 and were determined to warrant consideration for protection on September 27, 2011.<sup>20</sup> We and a coalition of southeastern conservation groups petitioned for these species based on a recognition that the southeast is both a hotspot for aquatic biodiversity and for extinction of its rich fauna of fish, mussels and other organisms. We file this notice in part in an effort to forestall further extinctions of southeast aquatic organisms and to ensure the health of the rivers in the region for people and wildlife alike.

This notice also spans taxonomic classifications, including 235 invertebrates (mussels, snails, crayfish, butterflies, beetles, etc.), 87 plants, 58 amphibians and reptiles, 27 fish, 6 birds and 7 mammals. As with southeastern aquatic species, the inclusion of a large number of amphibians and reptiles is reflective of the high degree of imperilment in this group. Roughly, one in four of these unique animals are at risk of extinction globally and the U.S. is no exception. The frogs, salamanders, turtles, snakes and other herpetofauna included in this notice face threats from exploitation and persecution, pollution, disease and habitat destruction and need timely protection.

### **The Need for Expedited Findings on the 417 Species**

Findings for the 417 species included in this notice are already 1-7 years past the deadlines established in the Endangered Species Act. Further delay of protection for these species will

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<sup>18</sup> Puckett et al. 2016.

<sup>19</sup> Brosi, B.J., Biber, E.G.N., 2012. Citizen involvement in the U.S. Endangered Species Act. *Science* 337, 802–803.

<sup>20</sup> U.S. Fish and Wildlife Service. 2011. Partial 90-day finding on a petition to list 404 species in the Southeastern United States as endangered or threatened. *Federal Register*, Vol. 76, Tuesday, September 27, 2011, 59836

only to serve to heighten their risk of extinction and make recovery more difficult and expensive. It is also important to recognize that these 417 species represent only a portion of the species that need consideration for protection, as evidenced by the 60 currently recognized candidate species and the hundreds of category 2 candidate species that the Service is no longer tracking. If the Service is to meet its mandate to provide timely protection to species at risk of extinction, it will need to greatly accelerate its efforts above even those achieved in the 757 species settlement agreement implemented since 2011.

If the Secretary does not make the required 12-month findings for these 417 species or contact us to develop a legally binding timeline for making these findings within the next sixty days, we intend to file suit. Please contact me if you have any questions or if you would like to discuss this matter.

Sincerely,

Noah Greenwald  
Endangered Species Director  
Center for Biological Diversity  
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<b>Appendix 1: 417 Species that may warrant protection and are in need of a 12-month finding.</b>					
<b>Common</b>	<b>Scientific</b>	<b>Range</b>	<b>Petitioner</b>	<b>Petition Date</b>	<b>90-day Finding Date</b>
Puget Oregonian	<i>Cryptomastix devia</i>	PNW	Center for Biological Diversity and others	3/13/2008	10/4/2011
Columbia Oregonian	<i>Cryptomastix hendersoni</i>	PNW	Center for Biological Diversity and others	3/13/2008	10/4/2011
Evening Fieldslug	<i>Deroceras hesperium</i>	PNW	Center for Biological Diversity and others	3/13/2008	10/4/2011
Burrington Jumping-slug	<i>Hemphillia burringtoni</i>	PNW	Center for Biological Diversity and others	3/13/2008	10/4/2011
Siskiyou Sideband	<i>Monadenia chaceana</i>	PNW	Center for Biological Diversity and others	3/13/2008	10/4/2011
Dalles Sideband	<i>Monadenia fidelis minor</i>	PNW	Center for Biological Diversity and others	3/13/2008	10/4/2011
Shasta Sideband	<i>Monadenia troglodytes troglodytes</i>	PNW	Center for Biological Diversity and others	3/13/2008	10/4/2011
Wintu Sideband	<i>Monadenia troglodytes wintu</i>	PNW	Center for Biological Diversity and others	3/13/2008	10/4/2011

Chelan Mountainsnail	<i>Oreohelix n. sp</i>	PNW	Center for Biological Diversity and others	3/13/2008	10/4/2011
Crater Lake Tightcoil	<i>Pristiloma arcticum crateris</i>	PNW	Center for Biological Diversity and others	3/13/2008	10/4/2011
Shasta Chaparral	<i>Trilobopsis roperi</i>	PNW	Center for Biological Diversity and others	3/13/2008	10/4/2011
Tehamana Chaparral	<i>Trilobopsis tehamana</i>	PNW	Center for Biological Diversity and others	3/13/2008	10/4/2011
Hoko Vertigo	<i>Vertigo n sp.1</i>	PNW	Center for Biological Diversity and others	3/13/2008	10/4/2011
Big Bar Hesperian	<i>Vespericola pressleyi</i>	PNW	Center for Biological Diversity and others	3/13/2008	10/4/2011
Shasta Hesperian	<i>Vespericola shasta</i>	PNW	Center for Biological Diversity and others	3/13/2008	10/4/2011
Moapa Pebblesnail	<i>Pyrgulopsis avernalis</i>	NV	Center for Biological Diversity and others	2/17/2009	9/13/2011
Moapa Valley Pyrg	<i>Pyrgulopsis carinifera</i>	NV	Center for Biological Diversity and others	2/17/2009	9/13/2011



Blue Point Pyrg	<i>Pyrgulopsis coloradensis</i>	NV	Center for Biological Diversity and others	2/17/2009	9/13/2011
Crystal Springsnail	<i>Pyrgulopsis crystalis</i>	NV	Center for Biological Diversity and others	2/17/2009	9/13/2011
Spring Mountains Pyrg	<i>Pyrgulopsis deaconi</i>	NV	Center for Biological Diversity and others	2/17/2009	9/13/2011
Ash Meadows Pebblesnail	<i>Pyrgulopsis erythropoma</i>	NV	Center for Biological Diversity and others	2/17/2009	9/13/2011
Fairbanks Springsnail	<i>Pyrgulopsis fairbanksensis</i>	NV	Center for Biological Diversity and others	2/17/2009	9/13/2011
Corn Creek Pyrg	<i>Pyrgulopsis fausta</i>	NV	Center for Biological Diversity and others	2/17/2009	9/13/2011
Hubbs Pyrg	<i>Pyrgulopsis hubbsi</i>	NV	Center for Biological Diversity and others	2/17/2009	9/13/2011
Elongate Gland Springsnail	<i>Pyrgulopsis isolatus</i>	NV	Center for Biological Diversity and others	2/17/2009	9/13/2011
Landyes Pyrg	<i>Pyrgulopsis landyei</i>	NV	Center for Biological Diversity and others	2/17/2009	9/13/2011

Butterfield Pyrg	<i>Pyrgulopsis lata</i>	NV	Center for Biological Diversity and others	2/17/2009	9/13/2011
Pahranagat Pebblesnail	<i>Pyrgulopsis merriami</i>	NV	Center for Biological Diversity and others	2/17/2009	9/13/2011
Distal Gland Springsnail	<i>Pyrgulopsis nanus</i>	NV	Center for Biological Diversity and others	2/17/2009	9/13/2011
Neritiform Steptoe Ranch Pyrg	<i>Pyrgulopsis neritella</i>	NV	Center for Biological Diversity and others	2/17/2009	9/13/2011
Sub-globose Steptoe Ranch Pyrg	<i>Pyrgulopsis orbiculata</i>	NV	Center for Biological Diversity and others	2/17/2009	9/13/2011
Median Gland Nevada Pyrg	<i>Pyrgulopsis pisteri</i>	NV	Center for Biological Diversity and others	2/17/2009	9/13/2011
Flat-topped Steptoe Pyrg	<i>Pyrgulopsis planulata</i>	NV	Center for Biological Diversity and others	2/17/2009	9/13/2011
White River Valley Pyrg	<i>Pyrgulopsis sathos</i>	NV	Center for Biological Diversity and others	2/17/2009	9/13/2011
Northern Steptoe Pyrg	<i>Pyrgulopsis serrata</i>	NV	Center for Biological Diversity and others	2/17/2009	9/13/2011

Sterile Basin Pyrg	<i>Pyrgulopsis sterilis</i>	NV	Center for Biological Diversity and others	2/17/2009	9/13/2011
Southern Steptoe Pyrg	<i>Pyrgulopsis sulcata</i>	NV	Center for Biological Diversity and others	2/17/2009	9/13/2011
Southeast Nevada Pyrg	<i>Pyrgulopsis turbatrix</i>	NV	Center for Biological Diversity and others	2/17/2009	9/13/2011
Sportinggoods Tryonia	<i>Tryonia angulata</i>	NV	Center for Biological Diversity and others	2/17/2009	9/13/2011
Grated Tryonia	<i>Tryonia clathrata</i>	NV	Center for Biological Diversity and others	2/17/2009	9/13/2011
Point of Rocks Tryonia	<i>Tryonia elata</i>	NV	Center for Biological Diversity and others	2/17/2009	9/13/2011
Minute Tryonia	<i>Tryonia ericae</i>	NV	Center for Biological Diversity and others	2/17/2009	9/13/2011
Amargosa Tryonia	<i>Tryonia variegata</i>	NV	Center for Biological Diversity and others	2/17/2009	9/13/2011
Longitudinal Gland Pyrg	<i>Pyrgulopsis anguina</i>	NV	Center for Biological Diversity and others	2/17/2009	9/13/2011

Hamlin Valley Pyrg	<i>Pyrgulopsis hamlinensis</i>	NV	Center for Biological Diversity and others	2/17/2009	9/13/2011
Sub-globose Snake Pyrg	<i>Pyrgulopsis saxatilis</i>	NV	Center for Biological Diversity and others	2/17/2009	9/13/2011
Warbler, golden-winged	<i>Vermivora chrysoptera</i>	AL, AR, CT, DC, DE, FL, GA, IA, IL, IN, KY, MA, MD, MI, MN, MO, MS, NC, NH, NJ, NY, OH, PA, RI, SC, TN, TX, VA, VT, WI, WV	Anna Sewell	2/10/2010	6/2/2011
Tuscumbia Darter	<i>Etheostoma tuscumbia</i>	AL (S2), TN (SX)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Popeye Shiner	<i>Notropis ariommus</i>	AL (SX), GA (S1), IN (SX), KY (S3), OH (S1), PA (SX), TN (S3), VA (S2S3), WV (S2)	Center for Biological Diversity and others	4/20/2010	9/27/2011

Coal Darter	<i>Percina brevicauda</i>	AL (S2)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Halloween Darter	<i>Percina crypta</i>	AL (S1), GA (S2)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Bankhead Darter	<i>Percina sipsi</i>	AL (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Rayed Creekshell	<i>Anodontoides radiatus</i>	AL (S1S2), FL (SH), GA (S2), LA (S2), MS (S2)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Manitou Cavesnail	<i>Antrorbis breweri</i>	AL (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Angular Dwarf Crayfish	<i>Cambarellus lesliei</i>	AL (S3), MS (S2)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Alabama Cave Crayfish	<i>Cambarus jonesi</i>	AL (S2)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Acute Elimia	<i>Elimia acuta</i>	AL (S1), TN (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Lilyshoals Elimia	<i>Elimia annettae</i>	AL (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011

Princess Elimia	<i>Elimia bellacrenata</i>	AL (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Walnut Elimia	<i>Elimia bellula</i>	AL (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Prune Elimia	<i>Elimia chiltonensis</i>	AL (S2)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Cockle Elimia	<i>Elimia cochliaris</i>	AL (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Cylinder Elimia	<i>Elimia cylindracea</i>	AL (S2), MS (SNR)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Nodulose Coosa River Snail	<i>Elimia lachryma</i>	AL (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Round-rib Elimia	<i>Elimia nassula</i>	AL (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Engraved Elimia	<i>Elimia perstriata</i>	AL (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Alabama Spike	<i>Elliptio arca</i>	AL (S2), GA (S1), LA (SNR), MS (S3), TN (S2)	Center for Biological Diversity and others	4/20/2010	9/27/2011

Delicate Spike	<i>Elliptio arcata</i>	AL (S2), FL (S2), GA (S1S3), MS (S1), SC (SNR), TN (S2)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Brother Spike	<i>Elliptio fraterna</i>	AL (SX), GA (S1), SC (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Inflated Spike	<i>Elliptio purpurella</i>	AL (S1), GA (S2)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Speckled Burrowing Crayfish	<i>Fallicambarus danielae</i>	AL (S1), MS (S2)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Tennessee Pigtoe	<i>Fusconaia barnesiana</i>	AL (S1), GA (SNR), MS (S1), NC (S1), TN (S2S3), VA (S2)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Longsolid	<i>Fusconaia subrotunda</i>	AL (S1), AR (S2?), GA (SH), IL (SX), IN (S1), KY (S3), NC (S1), OH (SNR), PA (S1), TN (S3), VA (S3), WV (S2)	Center for Biological Diversity and others	4/20/2010	9/27/2011

Cherokee Clubtail	<i>Gomphus consanguis</i>	AL (S1S2), GA (S1S2), NC (S1S2), TN (S1), VA (S2)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Septima's Clubtail	<i>Gomphus septima</i>	AL (S1S2), NC (S1S3), NJ (S1), NY (S1), TN (SNA), VA (SNA)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Spiny Riversnail	<i>lo fluvialis</i>	AL (SX), TN (S2), VA (S2)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Tennessee Heelsplitter	<i>Lasmigona holstonia</i>	AL (S1S2), GA (S1), NC (S1), TN (S2), VA (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Green Floater	<i>Lasmigona subviridis</i>	AL (SX), DC (SH), GA (SX), KY (SX), MD (S1), NC (S1), NJ (S1), NY (S1S2), PA (S2), TN (S2), VA (S2), WV (S2)	Center for Biological Diversity and others	4/20/2010	9/27/2011



Spotted Rocksnail	<i>Leptoxis picta</i>	AL (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Knobby Rocksnail	<i>Lithasia curta</i>	AL (SX), KY (SNR), TN (SX)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Mountain River Cruiser	<i>Macromia margarita</i>	AL (SNR), GA (S1), NC (S2S3), SC (SNR), TN (S2S3), VA (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Cumberland Moccasinshell	<i>Medionidus conradicus</i>	AL (S1), GA (SH), KY (S4), NC (SX), TN (S3), VA (S3S4)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Round Hickorynut	<i>Obovaria subrotunda</i>	AL (S2), AR (S1), GA (SH), IL (SX), IN (S2), KY (S4S5), MI (S1), MS (S2), NY (SH), OH (S4), PA (S1), TN (S2S3), WV (S3), ON (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011

Alabama Hickorynut	<i>Obovaria unicolor</i>	AL (S2), LA (S1), MS (S3), OK (S1S2)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Little Oecetis Longhorn Caddisfly	<i>Oecetis parva</i>	AL (SH), FL (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Appalachian Snaketail	<i>Ophiogomphus incurvatus</i>	AL (SNR), GA (SNR), KY (SNA), MD (S2), NC (S3), PA (S1), SC (SNR), VA (S1), WV (SNR)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Sucarnoochee River Crayfish	<i>Orconectes jonesi</i>	AL (SNR), MS (S3)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Shelta Cave Crayfish	<i>Orconectes sheltae</i>	AL (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Setose Cream and Brown Mottled Microcaddisfly	<i>Oxyethira setosa</i>	AL (SNR), FL (S1), GA (SNR), NJ (SNR)	Center for Biological Diversity and others	4/20/2010	9/27/2011

Tennessee Clubshell	<i>Pleurobema oviforme</i>	AL (S1), KY (S1), MS (SH), NC (SU), TN (S2S3), VA (S2S3)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Pyramid Pigtoe	<i>Pleurobema rubrum</i>	AL (S1), AR (S2), IA (SX), IL (SX), IN (S1), KY (S1), LA (S2), MS (S1), NE (SNR), OH (S1), OK (SNR), PA (SX), TN (S1S2), VA (S1), WI (SNA)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Corpulent Hornsnail	<i>Pleurocera corpulenta</i>	AL (S1), TN (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Skirted Hornsnail	<i>Pleurocera pyrenella</i>	AL (S2), GA (SH)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Tallapoosa Orb	<i>Quadrula asperata archeri</i>	Alabama	Center for Biological Diversity and others	4/20/2010	9/27/2011
Domed Ancyliid	<i>Rhodacme elatior</i>	AL (S1), KY (S1), TN (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011

Calvert's Emerald	<i>Somatochlora calverti</i>	AL (S1S3), FL (S3), SC (SNR)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Purple Lilliput	<i>Toxolasma lividus</i>	AL (S2), AR (S2), GA (SH), IL (S1), IN (S2), KY (S1), MI (S1), MO (S2), NC (SX), OH (S1), OK (SH), TN (S1S2), VA (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Three-tooth Triaenodes Caddisfly	<i>Triaenodes tridentus</i>	AL (S1), FL (SH?), OK (SH)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Kentucky Creekshell	<i>Villosa ortmanni</i>	KY (S2)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Variable-leaved Indian-plantain	<i>Arnoglossum diversifolium</i>	AL (S1), FL (S2), GA (S2)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Purple Balduina	<i>Balduina atropurpurea</i>	AL (SH), FL (S1), GA (S2), NC (SH), SC (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Apalachicola Wild Indigo	<i>Baptisia megacarpa</i>	AL (S2), FL (S2), GA (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011

Rivergrass	<i>Calamovilfa arcuata</i>	AL (S1), AR (S1), KY (S1), OK (S2), TN (S2)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Bryson's Sedge	<i>Carex brysonii</i>	AL (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Impressed-nerved Sedge	<i>Carex impressinervia</i>	AL (S1), MS (S1), NC (S1), SC (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Elliott's Croton	<i>Croton elliotii</i>	AL (S1), FL (SH), GA (S2S3), SC (S2S3)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Harper's Heartleaf	<i>Hexastylis speciosa</i>	AL (S2)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Winter Quillwort	<i>Isoetes hyemalis</i>	AL (S1), FL (SNR), GA (S1), NC (S2S3), SC (S1), VA (S1?)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Panhandle Lily	<i>Lilium iridollae</i>	AL (S1), FL (S2), SC (S1), VA (SU)	Center for Biological Diversity and others	4/20/2010	9/27/2011

Bog Spicebush	<i>Lindera subcoriacea</i>	AL (S1), FL (S1), GA (S1?), LA (S1), MS (S2), NC (S2), SC (S3), VA (SNR)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Boykin's Lobelia	<i>Lobelia boykinii</i>	AL (S1S2), DE (SX), FL (S1), GA (S2S3), MS (S1), NC (S2), NJ (S1), SC (S3)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Spathulate Seedbox	<i>Ludwigia spathulata</i>	AL (S1S2), FL (S1S2), GA (S2S3), SC (S2)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Carolina Birds-in-a-nest	<i>Macbridea caroliniana</i>	AL (SNR), FL (SNR), GA (S1), NC (S2), SC (S3)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Godfrey's Stitchwort	<i>Minuartia godfreyi</i>	AL (SH), FL (S1), GA (SNR), NC (S1), SC (SX), TN (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011

West Florida Cow-lily	<i>Nuphar lutea ssp. ulvacea</i>	AL (S1), FL (S2)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Florida Pondweed	<i>Potamogeton floridanus</i>	AL (S1), FL (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Small-flower Meadow-beauty	<i>Rhexia parviflora</i>	AL (S1), FL (S2), GA (SH)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Panhandle Meadow-beauty	<i>Rhexia salicifolia</i>	AL (S1), FL (S2), GA (SNR)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Hairy-peduncled Beakrush	<i>Rhynchospora crinipes</i>	AL (S1), FL (S2), GA (S1), MS (S1), NC (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Thorne's Beakrush	<i>Rhynchospora thornei</i>	AL (S1), FL (S1S2), GA (S2), NC (S2), SC (SNR), TN (S1S2)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Eared Coneflower	<i>Rudbeckia auriculata</i>	AL (S2), FL (S1), GA (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Sun-facing Coneflower	<i>Rudbeckia heliopsisidis</i>	AL (S2), GA (S1), NC (SH), SC (S1S2), VA (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011

Florida Willow	<i>Salix floridana</i>	AL (S1), FL (S2), GA (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Wherry's Sweet Pitcherplant	<i>Sarracenia rubra ssp. wherryi</i>	AL (S3), MS (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Swamp Buckthorn	<i>Sideroxylon thornei</i>	AL (S1), FL (S1), GA (S2)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Southern Racemose Goldenrod	<i>Solidago arenicola</i>	AL (S1), TN (S1S2)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Wire-leaved Dropseed	<i>Sporobolus teretifolius</i>	AL (S1), GA (S2?), NC (S2), SC (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Southern Meadowrue	<i>Thalictrum debile</i>	AL (S2), GA (S1), MS (S1S2)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Lobed Barren-strawberry	<i>Waldsteinia lobata</i>	AL (S1), GA (S2), NC (S1), SC (S3)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Kral's Yellow-eyed-grass	<i>Xyris longisepala</i>	AL (S1), FL (S2)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Escambia Map Turtle	<i>Graptemys ernsti</i>	AL (S2), FL (S2)	Center for Biological Diversity and others	4/20/2010	9/27/2011



Black-knobbed Map Turtle	<i>Graptemys nigrinoda</i>	AL (S3), MS (S2)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Alabama Map Turtle	<i>Graptemys pulchra</i>	AL (S3), GA (S1), MS (S2?)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Streamside Salamander	<i>Ambystoma barbouri</i>	IN (S3), KY (S4), OH (SNR), TN (S2), WV (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Cumberland Dusky Salamander	<i>Desmognathus abditus</i>	TN (S2S3)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Chamberlain's Dwarf Salamander	<i>Eurycea chamberlaini</i>	FL (SNR), GA (S1), NC (S3S4), SC (SNR)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Oklahoma Salamander	<i>Eurycea tynerensis</i>	AR (S3), OK (S3)	Center for Biological Diversity and others	4/20/2010	9/27/2011
West Virginia Spring Salamander	<i>Gyrinophilus subterraneus</i>	WV (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Georgia Blind Salamander	<i>Haideotriton wallacei</i>	FL (S2), GA (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011

Neuse River Waterdog	<i>Necturus lewisi</i>	NC (S3)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Gulf Hammock Dwarf Siren	<i>Pseudobranchius striatus lustricolus</i>	FL (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Patch-nosed Salamander	<i>Urspelerpes brucei</i>	GA (G1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Florida Sandhill Crane	<i>Grus canadensis pratensis</i>	FL (S2S3), GA (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Northern Cavefish	<i>Amblyopsis spelaea</i>	IN (S1), KY (S3)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Carolina Pygmy Sunfish	<i>Elassoma boehlkei</i>	NC (S1), SC (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Southern Elktoe	<i>Alasmidonta triangulata</i>	AL (S1), FL (SNR), GA (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Ozark Chub	<i>Erimystax harrisi</i>	AR (S3S4), MO (SNR)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Smallscale Darter	<i>Etheostoma microlepidum</i>	KY (S1), TN (S2)	Center for Biological Diversity and others	4/20/2010	9/27/2011

Paleback Darter	<i>Etheostoma pallididorsum</i>	AR (S2)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Striated Darter	<i>Etheostoma striatulum</i>	TN (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Tippecanoe Darter	<i>Etheostoma tippecanoe</i>	IN (S1), KY (S4S5), OH (S2), PA (S2), TN (S1S2), WV (S2)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Robust Redhorse	<i>Moxostoma robustum</i>	GA (S1), NC (S1), SC (SNR)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Ozark Shiner	<i>Notropis ozarcanus</i>	AR (S2), MO (S2)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Peppered Shiner	<i>Notropis perpallidus</i>	AR (S2), OK (S2S3)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Rocky Shiner	<i>Notropis suttkusi</i>	AR (SNR), OK (SNR)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Carolina Madtom	<i>Noturus furiosus</i>	NC (S2)	Center for Biological Diversity and others	4/20/2010	9/27/2011

Orangefin Madtom	<i>Noturus gilberti</i>	NC (S1), VA (S2)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Piebald Madtom	<i>Noturus gladiator</i>	MS (S1), TN (S3)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Ouachita Madtom	<i>Noturus lachneri</i>	AR (S2)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Caddo Madtom	<i>Noturus taylori</i>	AR (S1?)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Chesapeake logperch	<i>Percina bimaculata</i>	PA, VA, MD, DC	Center for Biological Diversity and others	4/20/2010	9/27/2011
Bluestripe Darter	<i>Percina cymatotaenia</i>	MO (S2)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Longnose Darter	<i>Percina nasuta</i>	AR (S2), MO (S1), OK (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Blackfin Sucker	<i>Thoburnia atripinnis</i>	KY (S2), TN (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Virginia Stone	<i>Acroneuria kosztarabi</i>	KY (S1), VA (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011

A Caddisfly	<i>Agarodes logani</i>	FL (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
		CT (S1), DC (SNR), DE (SX), GA (S2), MA (S1), MD (S1), ME (S3), NC (S1), NH (S1?), NJ (S1), NY (S1), PA (S2), RI (SH), SC (SNR), VA (S1), VT (S1), WV (S1), NB (S1S2), NS (S1S2)	Center for Biological Diversity and others		
Brook Floater	<i>Alasmidonta varicosa</i>			4/20/2010	9/27/2011
Sevier Snowfly	<i>Allocapnia brooksi</i>	TN (S2)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Karst Snowfly	<i>Allocapnia cunninghami</i>	KY (S1S2), TN (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Smokies Snowfly	<i>Allocapnia fumosa</i>	NC (SNR), TN (S3?), VA (S1S2)	Center for Biological Diversity and others	4/20/2010	9/27/2011

Linda's Roadside-skipper	<i>Amblyscirtes linda</i>	AR (S1S3), IL (SU), KS (S1?), MO (S2?), OK (SNR), TN (S2)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Tennessee Forestfly	<i>Amphinemura mockfordi</i>	TN (S2?)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Blue Spring Hydrobe Snail	<i>Aphaostracon asthenes</i>	FL (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Freemouth Hydrobe Snail	<i>Aphaostracon chalarogyrus</i>	FL (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Wekiwa Hydrobe Snail	<i>Aphaostracon monas</i>	FL (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Dense Hydrobe Snail	<i>Aphaostracon pycnus</i>	FL (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Clifton Spring Hydrobe Snail	<i>Aphaostracon theiocrenetum</i>	FL (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Louisiana Eyed Silkmoth	<i>Automeris louisiana</i>	LA (SNR), MS (SNR)	Center for Biological Diversity and others	4/20/2010	9/27/2011

Bayou Bodcau Crayfish	<i>Bouchardina robisoni</i>	AR (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
A Cave Obligate Isopod	<i>Caecidotea cannula</i>	WV (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Cypress Crayfish	<i>Cambarellus blacki</i>	FL (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Big South Fork Crayfish	<i>Cambarus bouchardi</i>	KY (S1S2), TN (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Chauga Crayfish	<i>Cambarus chaugaensis</i>	GA (S1), NC (S2), SC (S2S3)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Coosawattae Crayfish	<i>Cambarus coosawattae</i>	GA (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Dougherty Plain Cave Crayfish	<i>Cambarus cryptodytes</i>	FL (S2), GA (S1S2)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Conasauga Blue Burrower	<i>Cambarus cymatilis</i>	GA (S1), TN (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Grandfather Mountain Crayfish	<i>Cambarus eeseehensis</i>	NC (SNR)	Center for Biological Diversity and others	4/20/2010	9/27/2011

Elk River Crayfish	<i>Cambarus elkensis</i>	WV (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Chickamauga Crayfish	<i>Cambarus extraneus</i>	GA (S2), TN (S1S2)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Etowah Crayfish	<i>Cambarus fasciatus</i>	GA (S2)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Little Tennessee Crayfish	<i>Cambarus georgiae</i>	GA (S1), NC (S2S3)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Piedmont Blue Burrower	<i>Cambarus harti</i>	GA (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Spiny Scale Crayfish	<i>Cambarus jezerinaci</i>	TN (SNR), VA (S1S2)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Greenbrier Cave Crayfish	<i>Cambarus nerterius</i>	WV (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Obey Crayfish	<i>Cambarus obeyensis</i>	TN (S2)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Hiwassee Headwater Crayfish	<i>Cambarus parrishi</i>	GA (S1), NC (S2S3)	Center for Biological Diversity and others	4/20/2010	9/27/2011



Pristine Crayfish	<i>Cambarus pristinus</i>	TN (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Beautiful Crayfish	<i>Cambarus speciosus</i>	GA (S2)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Broad River Spiney Crayfish	<i>Cambarus spicatus</i>	NC (S2), SC (S3)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Lean Crayfish	<i>Cambarus strigosus</i>	GA (S2)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Brawleys Fork Crayfish	<i>Cambarus williami</i>	TN (S2)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Florida Cave Amphipod	<i>Crangonyx grandimanus</i>	FL (S2S3)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Hobb's Cave Amphipod	<i>Crangonyx hobbsi</i>	FL (S2S3)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Western Fanshell	<i>Cyprogenia aberti</i>	AR (S2), KS (S1), LA (SH), MO (S2), MS (SH), OK (SH)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Mimic Crayfish	<i>Distocambarus carlsoni</i>	SC (SNR)	Center for Biological Diversity and others	4/20/2010	9/27/2011

Broad River Burrowing Crayfish	<i>Distocambarus devexus</i>	GA (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Newberry Burrowing Crayfish	<i>Distocambarus youngineri</i>	SC (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Spider Elimia	<i>Elimia arachnoidea</i>	TN (S2), VA (S1S2)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Elegant Elimia	<i>Elimia teres</i>	TN (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Southern Lance	<i>Elliptio ahenea</i>	FL (SNR)	Center for Biological Diversity and others	4/20/2010	9/27/2011
St. John's Elephantear	<i>Elliptio monroensis</i>	FL (SNR)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Dukes' Skipper	<i>Euphyes dukesi calhouni</i>	FL (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Palatka Skipper	<i>Euphyes pilatka klotsi</i>	FL (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Jefferson County Crayfish	<i>Fallicambarus gilpini</i>	AR (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011

Ouachita Burrowing Crayfish	<i>Fallicambarus harpi</i>	AR (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Slenderwrist Burrowing Crayfish	<i>Fallicambarus petilicarpus</i>	AR (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Saline Burrowing Crayfish	<i>Fallicambarus strawni</i>	AR (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Enterprise Siltsnail	<i>Floridobia monroensis</i>	FL (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Pygmy Siltsnail	<i>Floridobia parva</i>	FL (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Ponderous Siltsnail	<i>Floridobia ponderosa</i>	FL (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Wekiwa Siltsnail	<i>Floridobia wekiwae</i>	FL (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Tennessee Clubtail	<i>Gomphus sandrius</i>	TN (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Westfall's Clubtail	<i>Gomphus westfalli</i>	FL (S1S2)	Center for Biological Diversity and others	4/20/2010	9/27/2011

Crested Riverlet Crayfish	<i>Hobbseus cristatus</i>	MS (S2?)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Oktibbeha Riverlet Crayfish	<i>Hobbseus orconectoides</i>	MS (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Tombigbee Riverlet Crayfish	<i>Hobbseus petilus</i>	MS (S2)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Yalobusha Riverlet Crayfish	<i>Hobbseus yalobushensis</i>	MS (S2)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Sykora's Hydroptila Caddisfly	<i>Hydroptila sykorai</i>	FL (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Waccamaw Fatmucket	<i>Lampsilis fullerkati</i>	NC (S1), SC (SNR)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Morse's Little Plain Brown Sedge	<i>Lepidostoma morsei</i>	FL (S1), MS (SNR), NJ (SNR), TX (SNR)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Arkansas Mudalia	<i>Leptoxis arkansensis</i>	AR (S1), MO (S3)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Louisiana Needlefly	<i>Leuctra szczytkoi</i>	LA (S2)	Center for Biological Diversity and others	4/20/2010	9/27/2011

Purple Skimmer	<i>Libellula jesseana</i>	FL (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Rye Cove Isopod	<i>Lirceus culveri</i>	VA (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Ocmulgee Marstonia	<i>Marstonia agarhecta</i>	GA (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Ozark Pyrg	<i>Marstonia ozarkensis</i>	AR (S1?), MO (SNA)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Smokies Needlefly	<i>Megaleuctra williamsae</i>	NC (S1), SC (SNR), TN (S1S2), VA (S1S2)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Southern Snaketail	<i>Ophiogomphus australis</i>	FL (SNR), LA (SNR), MS (SNR)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Edmund's Snaketail	<i>Ophiogomphus edundo</i>	GA (S1), NC (S1?), TN (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Calcasieu Crayfish	<i>Orconectes blacki</i>	LA (S2)	Center for Biological Diversity and others	4/20/2010	9/27/2011

Coldwater Crayfish	<i>Orconectes eupunctus</i>	AR (S1), MO (S2)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Yazoo Crayfish	<i>Orconectes hartfieldi</i>	MS (S2)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Tennessee Cave Crayfish	<i>Orconectes incomptus</i>	TN (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Kisatchie Painted Crayfish	<i>Orconectes maletae</i>	LA (S2), TX (S1?)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Mammoth Spring Crayfish	<i>Orconectes marchandi</i>	AR (S2), MO (S1S2)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Appalachian Cave Crayfish	<i>Orconectes packardi</i>	KY (S2S3)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Chowanoke Crayfish	<i>Orconectes virginiensis</i>	NC (S3), VA (S2S3)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Hardin Crayfish	<i>Orconectes wrighti</i>	MS (SNR), TN (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Magnificent Rams-horn	<i>Planorbella magnifica</i>	NC (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011

Orlando Cave Crayfish	<i>Procambarus acherontis</i>	FL (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Coastal Flatwoods Crayfish	<i>Procambarus apalachicola</i>	FL (S2)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Reverse Pebblesnail	<i>Somatogyrus alcoviensis</i>	GA (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Silver Glen Springs Crayfish	<i>Procambarus attiguus</i>	FL (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Jackson Prairie Crayfish	<i>Procambarus barbiger</i>	MS (S2)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Mississippi Flatwoods Crayfish	<i>Procambarus cometes</i>	MS (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Bigcheek Cave Crayfish	<i>Procambarus delicatus</i>	FL (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Santa Fe Cave Crayfish	<i>Procambarus erythrops</i>	FL (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Spinytail Crayfish	<i>Procambarus fitzpatricki</i>	MS (S2)	Center for Biological Diversity and others	4/20/2010	9/27/2011

Orange Lake Cave Crayfish	<i>Procambarus franzi</i>	FL (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Coastal Lowland Cave Crayfish	<i>Procambarus leitheuseri</i>	FL (S1S2)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Florida Cave Crayfish	<i>Procambarus lucifugus</i>	FL (S2S3)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Alachua Light Fleeing Cave Crayfish	<i>Procambarus lucifugus alachua</i>	FL (S2)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Florida Cave Crayfish	<i>Procambarus lucifugus lucifugus</i>	FL (S2)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Shutispear Crayfish	<i>Procambarus lylei</i>	MS (S2)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Miami Cave Crayfish	<i>Procambarus milleri</i>	FL (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Putnum County Cave Crayfish	<i>Procambarus morrissi</i>	FL (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Woodville Karst Cave Crayfish	<i>Procambarus orcinus</i>	FL (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011



Pallid Cave Crayfish	<i>Procambarus pallidus</i>	FL (S2S3)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Black Creek Crayfish	<i>Procambarus pictus</i>	FL (S2)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Bearded Red Crayfish	<i>Procambarus pogum</i>	MS (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Regal Burrowing Crayfish	<i>Procambarus regalis</i>	AR (S2S3)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Irons Fork Burrowing Crayfish	<i>Procambarus reimeri</i>	AR (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Avernus Cave Beetle	<i>Pseudanophthalmus avernus</i>	VA (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Little Kennedy Cave Beetle	<i>Pseudanophthalmus cordicollis</i>	VA (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
New River Valley Cave Beetle	<i>Pseudanophthalmus egberti</i>	VA (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Cumberland Gap Cave Beetle	<i>Pseudanophthalmus hirsutus</i>	TN (S1), VA (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011

Hubbard's Cave Beetle	<i>Pseudanophthalmus hubbardi</i>	VA (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Hubricht's Cave Beetle	<i>Pseudanophthalmus hubrichti</i>	VA (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Crossroads Cave Beetle	<i>Pseudanophthalmus intersectus</i>	VA (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Maddens Cave Beetle	<i>Pseudanophthalmus limicola</i>	VA (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Dry Fork Valley Cave Beetle	<i>Pseudanophthalmus montanus</i>	WV (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Natural Bridge Cave Beetle	<i>Pseudanophthalmus pontis</i>	VA (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
South Branch Valley Cave Beetle	<i>Pseudanophthalmus potomaca</i>	VA (S2), WV (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Overlooked Cave Beetle	<i>Pseudanophthalmus praetermissus</i>	VA (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Saint Paul Cave Beetle	<i>Pseudanophthalmus sanctipauli</i>	VA (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011

Silken Cave Beetle	<i>Pseudanophthalmus sericus</i>	VA (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Thomas' Cave Beetle	<i>Pseudanophthalmus thomasi</i>	VA (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Maiden Spring Cave Beetle	<i>Pseudanophthalmus virginicus</i>	VA (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Blueridge Springfly	<i>Remenus kirchneri</i>	VA (S2)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Salamander Mussel	<i>Simpsonaias ambigua</i>	AR (S1), IA (SX), IL (S1), IN (S2), KY (S2S3), MI (S1), MN (S2), MO (S1), NY (SH), OH (S3), PA (S1?), TN (S1), WI (S2S3), WV (S1), ON (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Texas Emerald	<i>Somatochlora margarita</i>	LA (SNR), TX (S2)	Center for Biological Diversity and others	4/20/2010	9/27/2011

Ozark Emerald	<i>Somatochlora ozarkensis</i>	AR (S1), KS (S1), MO (S2S3), OK (SNR)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Cooper's Cave Amphipod	<i>Stygobromus cooperi</i>	WV (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Tidewater Amphipod	<i>Stygobromus indentatus</i>	MD (S1), NC (SU), VA (S3)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Morrison's Cave Amphipod	<i>Stygobromus morrisoni</i>	VA (S1S2), WV (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Minute Cave Amphipod	<i>Stygobromus parvus</i>	WV (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Yellow-sided Clubtail	<i>Stylurus potulentus</i>	FL (S2), MS (SNR)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Lobed Roachfly	<i>Tallaperla lobata</i>	VA (S1S2)	Center for Biological Diversity and others	4/20/2010	9/27/2011
North Florida Spider Cave Crayfish	<i>Troglocambarus maclanei</i>	FL (S2)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Alabama Rainbow	<i>Villosa nebulosa</i>	AL (S3), GA (S2), NC (SNA), TN (S2)	Center for Biological Diversity and others	4/20/2010	9/27/2011

Coosa Creekshell	<i>Villosa vanuxemensis umbrans</i>	AL (S2), GA (S1S2), TN (S2)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Sherman's Short-tailed Shrew	<i>Blarina carolinensis shermani</i>	FL (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Pine Island Oryzomys	<i>Oryzomys palustris pop. 1</i>	FL (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Sanibel Island Oryzomys	<i>Oryzomys palustris pop. 2</i>	FL (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Insular Cotton Rat	<i>Sigmodon hispidus insulicola</i>	FL (S1S2)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Meadow Joint-vetch	<i>Aeschynomene pratensis</i>	FL (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Seaside Alder	<i>Alnus maritima</i>	DE (S3), GA (S1), MD (S3.1), OK (S2)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Georgia Leadplant	<i>Amorpha georgiana var. georgiana</i>	GA (S1), NC (S2), SC (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Texas Screwstem	<i>Bartonia texana</i>	LA (SNR), TX (S2)	Center for Biological Diversity and others	4/20/2010	9/27/2011

Doll's-daisy	<i>Boltonia montana</i>	NJ (SNR), PA (SH), VA (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Ciliate-leaf Tickseed	<i>Coreopsis integrifolia</i>	FL (S1), GA (S1S2), SC (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Narrowleaf Carolina Scalystem	<i>Elytraria caroliniensis var. angustifolia</i>	FL (S2)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Clam-shell Orchid	<i>Encyclia cochleata var. triandra</i>	FL (S2)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Big Cypress Epidendrum	<i>Epidendrum strobiliferum</i>	FL (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Small-headed Pipewort	<i>Eriocaulon koernickianum</i>	AR (S2), GA (S1), OK (S1), TX (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Black-bract Pipewort	<i>Eriocaulon nigrobracteatum</i>	FL (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
No common name	<i>Eupatorium paludicola</i>	NC (SNR), SC (SNR)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Rockcastle Wood-Aster	<i>Eurybia saxicastellii</i>	KY (S1S2), TN (S1S2)	Center for Biological Diversity and others	4/20/2010	9/27/2011

Harper's Fimbristylis	<i>Fimbristylis perpusilla</i>	DE (S1), GA (S1), MD (S2), NC (S1), SC (S2), TN (S1), VA (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Appalachian Fissidens Moss	<i>Fissidens appalachensis</i>	NC (S2S3), TN (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Hall's Pocket Moss	<i>Fissidens hallii</i>	FL (SNR), LA (SNR), NC (S1), TX (SNR)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Godfrey's Privet	<i>Forestiera godfreyi</i>	FL (S2), GA (S1), SC (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Hartwrightia	<i>Hartwrightia floridana</i>	FL (S2), GA (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Shinner's Sunflower	<i>Helianthus occidentalis ssp. plantagineus</i>	AR (S1), LA (S1?), TX (S2)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Henry's Spider-lily	<i>Hymenocallis henryae</i>	FL (S2)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Edison's Ascyrum	<i>Hypericum edisonianum</i>	FL (S2)	Center for Biological Diversity and others	4/20/2010	9/27/2011

Smooth-barked St. John's-wort	<i>Hypericum lissophloeus</i>	FL (S2)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Yellow Anisetree	<i>Illicium parviflorum</i>	FL (S2), GA (SH)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Thin-wall Quillwort	<i>Isoetes microvela</i>	NC (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
West's Flax	<i>Linum westii</i>	FL (S2), MS (SNR)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Long Beach Seedbox	<i>Ludwigia brevipes</i>	AR (S1), FL (SU), GA (SNR), MD (SU), NC (S1S2), NJ (SX.1), SC (S1), VA (S2)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Raven's Seedbox	<i>Ludwigia ravenii</i>	FL (S1), NC (S1), SC (SNR), VA (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Curtis' Loosestrife	<i>Lythrum curtissii</i>	FL (S1), GA (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Lowland Loosestrife	<i>Lythrum flagellare</i>	FL (S2)	Center for Biological Diversity and others	4/20/2010	9/27/2011



Large-flowered Barbara's-buttons	<i>Marshallia grandiflora</i>	KY (S1), MD (SU), NC (SH), PA (S1), TN (S2), WV (S2)	Center for Biological Diversity and others	4/20/2010	9/27/2011
A hornwort	<i>Megaceros aenigmaticus</i>	GA (S1), NC (S2S3), TN (S2S3)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Narrowleaf Naiad	<i>Najas filifolia</i>	FL (S1), GA (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Cape Fear Spatterdock	<i>Nuphar lutea ssp. sagittifolia</i>	NC (S2), SC (SNR), VA (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Bear Tupelo	<i>Nyssa ursina</i>	FL (S2)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Cape Sable Orchid	<i>Oncidium undulatum</i>	FL (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Lea's Bog Lichen	<i>Phaeophyscia leana</i>	IL (S1), KY (S1?), OH (S1), PA (SNR), TN (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Correll's False Dragon-head	<i>Physostegia correllii</i>	LA (S1), TX (S2)	Center for Biological Diversity and others	4/20/2010	9/27/2011

Gorge Leafy Liverwort	<i>Plagiochila caduciloba</i>	GA (S1?), NC (S2), SC (S1), TN (S2)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Sharp's Leafy Liverwort	<i>Plagiochila sharpii ssp. sharpii</i>	GA (SNA), NC (SNA), SC (SNR), TN (SNR)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Tennessee Pondweed	<i>Potamogeton tennesseensis</i>	NC (S1), OH (S2), PA (S1), TN (S2), VA (S1), WV (S2)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Carolina Bishopweed	<i>Ptilimnium ahlesii</i>	GA (SH), NC (S1), SC (SNR)	Center for Biological Diversity and others	4/20/2010	9/27/2011
No common name	<i>Sarracenia purpurea var. montana</i>	GA (SNR), NC (SNR), SC (SNR)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Gulf Sweet Pitcherplant	<i>Sarracenia rubra ssp. gulfensis</i>	FL (S2)	Center for Biological Diversity and others	4/20/2010	9/27/2011

Hall's Bulrush	<i>Schoenoplectus hallii</i>	GA (SH), IA (S1), IL (S1), IN (S1), KS (S1), KY (S1), MA (SH), MI (S2), MO (S2), NE (S3), OK (S1), SC (SNR), TX (S1), WI (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Ocmulgee Skullcap	<i>Scutellaria ocmulgee</i>	GA (S2), SC (SNR)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Water Stitchwort	<i>Stellaria fontinalis</i>	KY (S2), TN (S3)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Rough-stemmed Aster	<i>Symphytotrichum puniceum</i> <i>var. scabricaule</i>	LA (SNR), MS (SNR), TX (S2)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Texas Trillium	<i>Trillium texanum</i>	LA (S1), TX (S2)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Carolina Hemlock	<i>Tsuga caroliniana</i>	GA (S1), NC (S3), SC (SNR), TN (S3), VA (S3)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Ocala Vetch	<i>Vicia ocalensis</i>	FL (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011

Western Chicken Turtle	<i>Deirochelys reticularia miaria</i>	AR (S3), MO (S1), MS (S3?)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Pascagoula Map Turtle	<i>Graptemys gibbonsi</i>	LA (S3), MS (S3)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Florida Red-bellied Turtle - Florida Panhandle	<i>Pseudemys nelsoni pop. 1</i>	FL (S2)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Northern Red-bellied Cooter	<i>Pseudemys rubriventris</i>	DC (S4), DE (S5), MA (SNR), MD (S5), NC (S3), NJ (S4), NY (SNA), PA (S2), VA (S4), WV (S2)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Eastern Ribbonsnake - Lower Florida Keys	<i>Thamnophis sauritus pop. 1</i>	FL (S1)	Center for Biological Diversity and others	4/20/2010	9/27/2011
Sonoran Talussnail	<i>Sonorella magdalenensis</i>	AZ	Center for Biological Diversity and others	6/24/2010	7/23/2012
Bartram Stonecrop	<i>Graptopetalum bartramii</i>	AZ	Center for Biological Diversity and others	7/7/2010	8/8/2012

Beardless Chinchweed	<i>Pectis imberbis</i>	AZ	Center for Biological Diversity and others	7/7/2010	8/8/2012
Southern White Tailed Ptarmigan	<i>Lagopus leucura altipetens</i>	CO	Center for Biological Diversity and others	8/24/2010	6/5/2012
Mt. Rainier White Tailed Ptarmigan	<i>Lagopus leucura rainierensis</i>	WA	Center for Biological Diversity and others	8/24/2010	6/5/2012
Eastern Diamondback Rattlesnake	<i>Crotalus adamanteus</i>	Southeast	Center for Biological Diversity and others	8/22/2011	5/10/2012
Plains Spotted Skunk		CO	David Wade, Dr. Tom Alton	1/6/2012	12/4/2012
Prairie Gray Fox		CO	David Wade, Dr. Tom Alton	1/6/2012	12/4/2012
Western Pond Turtle	<i>Actinemys marmorata</i>	WA, OR, CA	Center for Biological Diversity and others	7/11/2012	4/10/2015
Arizona Toad	<i>Anaxyrus microscaphus</i>	NM, AZ, NV, UT, CA	Center for Biological Diversity and others	7/11/2012	7/1/2015
Green Salamander	<i>Aneides aeneus</i>	Eastern US	Center for Biological Diversity and others	7/11/2012	7/1/2015
Relictual Slender Salamander	<i>Batrachoseps relictus</i>	CA	Center for Biological Diversity and others	7/11/2012	7/1/2015

Kern Canyon Slender Salamander	<i>Batrachoseps simatus</i>	CA	Center for Biological Diversity and others	7/11/2012	7/1/2015
Oregon Slender Salamander	<i>Batrachoseps wrighti</i>	OR	Center for Biological Diversity and others	7/11/2012	7/1/2015
Spotted Turtle	<i>Clemmys guttata</i>	Eastern US	Center for Biological Diversity and others	7/11/2012	7/1/2015
Key Ringneck Snake	<i>Diadophis punctatus acricus</i>	FL	Center for Biological Diversity and others	7/11/2012	7/1/2015
Blandings Turtle	<i>Emydoidea blandingii</i>	Midwest, Northeast	Center for Biological Diversity and others	7/11/2012	7/1/2015
Cascade Caverns Salamander	<i>Eurycea latitans</i>	TX	Center for Biological Diversity and others	7/11/2012	7/1/2015
Southern Hog-nosed Snake	<i>Heterodon simus</i>	Southeast	Center for Biological Diversity and others	7/11/2012	7/1/2015
Apalachicola Kingsnake	<i>Lampropeltis getula meansi</i>	FL	Center for Biological Diversity and others	7/11/2012	7/1/2015
Gopher Frog	<i>Lithobates capito</i>	Southeast	Center for Biological Diversity and others	7/11/2012	7/1/2015

Cedar Key Mole Skink	<i>Plestiodon egregius insularis</i>	FL	Center for Biological Diversity and others	7/11/2012	7/1/2015
Illinois Chorus Frog	<i>Pseudacris illinoensis</i>	IL, MO, AR	Center for Biological Diversity and others	7/11/2012	7/1/2015
Rio Grande Cooter	<i>Pseudemys gorzugi</i>	NM, TX	Center for Biological Diversity and others	7/11/2012	7/1/2015
Cascades Frog	<i>Rana cascadae</i>	WA, OR, CA	Center for Biological Diversity and others	7/11/2012	7/1/2015
Western Spadefoot Toad	<i>Spea hammondi</i>	CA	Center for Biological Diversity and others	7/11/2012	7/1/2015
Rim Rock Crowned Snake	<i>Tantilla oolitica</i>	FL	Center for Biological Diversity and others	7/11/2012	7/1/2015
Inyo Mountains Salamander	<i>Batrachoseps campi</i>	CA	Center for Biological Diversity and others	7/11/2012	9/18/2015
Lesser Slender Salamander	<i>Batrachoseps minor</i>	CA	Center for Biological Diversity and others	7/11/2012	9/18/2015
Kern Plateau Salamander	<i>Batrachoseps robustus</i>	CA	Center for Biological Diversity and others	7/11/2012	9/18/2015

Southern Rubber Boa	<i>Charina umbratica</i>	CA	Center for Biological Diversity and others	7/11/2012	9/18/2015
Panamint Alligator Lizard	<i>Elgaria panamintina</i>	CA	Center for Biological Diversity and others	7/11/2012	9/18/2015
Wood Turtle	<i>Glyptemys insculpta</i>	Eastern US	Center for Biological Diversity and others	7/11/2012	9/18/2015
Limestone Salamander	<i>Hydromantes brunus</i>	CA	Center for Biological Diversity and others	7/11/2012	9/18/2015
Shasta Salamander	<i>Hydromantes shastae</i>	CA	Center for Biological Diversity and others	7/11/2012	9/18/2015
Short-tailed Snake	<i>Lampropeltis extenuata</i>	FL	Center for Biological Diversity and others	7/11/2012	9/18/2015
Florida Pine Snake	<i>Pituophis melanoleucus mugitus</i>	Southeast	Center for Biological Diversity and others	7/11/2012	9/18/2015
Peaks of Otter Salamander	<i>Plethodon hubrichti</i>	VA	Center for Biological Diversity and others	7/11/2012	9/18/2015
Cascade Torrent Salamander	<i>Rhyacotriton cascadae</i>	WA, OR	Center for Biological Diversity and others	7/11/2012	9/18/2015



Columbia Torrent Salamander	<i>Rhyacotriton kezeri</i>	WA, OR	Center for Biological Diversity and others	7/11/2012	9/18/2015
Yuman Desert Fringe-toed Lizard	<i>Uma rufopunctata</i>	AZ	Center for Biological Diversity and others	7/11/2012	9/18/2015
False-foxglove, Leoncita	<i>Agalinis calycina</i>	NM, TX	Native Plant Society of New Mexico	9/19/2012	3/16/2016
Clear Lake Hitch	<i>Lavinia exilicauda chi</i>	CA	Center for Biological Diversity and others	9/25/2012	4/10/2015
Culebra Skink	<i>Spondylurus culebrae</i>	Caribbean	Center for Biological Diversity and others	2/11/2014	1/12/2016
Greater Saint Croix Skink	<i>Spondylurus magnacruzae</i>	Caribbean	Center for Biological Diversity and others	2/11/2014	1/12/2016
Mona Skink	<i>Spondylurus monae</i>	Caribbean	Center for Biological Diversity and others	2/11/2014	1/12/2016
Puerto Rican Skink	<i>Spondylurus nitidus</i>	Caribbean	Center for Biological Diversity and others	2/11/2014	1/12/2016
Virgin Islands Bronze Skink	<i>Spondylurus sloanii</i>	Caribbean	Center for Biological Diversity and others	2/11/2014	1/12/2016

Greater Virgin Islands Skink	<i>Spondylurus sponnotus</i>	Caribbean	Center for Biological Diversity and others	2/11/2014	1/12/2016
Lesser Saint Croix Skink	<i>Capitellum parvicruzae</i>	Caribbean	Center for Biological Diversity and others	2/11/2014	1/12/2016
Silvery Phacelia (Sand Dune Phacelia)	<i>Phacelia argentea</i>	OR, CA	Center for Biological Diversity and others	3/7/2014	7/1/2015
Yellow Cedar	<i>Callitropsis nootkatensis</i>	AK, WA, OR, CA	Center for Biological Diversity and others	6/24/2014	4/10/2015
San Joaquin Valley Giant Flower-loving Fly	<i>Rhaphiomidas trochilus</i>	CA	Greg Ballmer , Ken Osborne	6/30/2014	4/10/2015
Relict Dace, Big Spring DPS	<i>Relictus solitarius</i>	NV	FSEE	6/30/2014	4/10/2015
Tufted Puffin U.S. DPS		AK, CA, OR, WA, Canada, Japan, Russia	NRDC	9/14/2014	9/18/2015
Tricolored Blackbird	<i>Agelaius tricolor</i>	CA	Center for Biological Diversity and others	2/3/2015	9/18/2015
Moose Northwestern DPS	<i>Alces alces andersoni</i>	MI, MN, ND	Center for Biological Diversity and others	7/9/2015	6/3/2016